



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/872,656	06/01/2001	Masahiko Hatori	JP920000188US1	2784
47052	7590	03/29/2006	EXAMINER	
SAWYER LAW GROUP LLP PO BOX 51418 PALO ALTO, CA 94303			NGUYEN, KIMNHUNG T	
			ART UNIT	PAPER NUMBER
			2629	

DATE MAILED: 03/29/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/872,656

Applicant(s)

HATORI ET AL.

Examiner

Kimnhung Nguyen

Art Unit

2629

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on Amendment filed on 3/3/06.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 2,3,5-8,10,11,14,15,18,22 and 23 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 2,3,5-8,10,11,14,15,18,22 and 23 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

This application has been examined. The claims 2-3, 5-8, 10-11, 14-15, 18 and 22-23 are pending. The examination results are as following.

#### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 2-3, 5-7, 10-11, 14-15, 18 are rejected under 35 U.S.C. 102(b) as being anticipated by Vouri et al. (US 5,420,605).

As to claim 3, Vouri et al. discloses in fig. 1, a computer system having a central processing unit (CPU 12), and a display apparatus coupled to the CPU, the computer system comprising: an input section (see keyboard or pointer device 32, see col. lines 30-35) operable to receive user input selecting a zoom factor (see col. 11, lines 60-64) that specifies a pre-determined magnification amount for zooming in on an image displayed on a display screen (see col. 12, lines 27-33) of the display apparatus (see col. 5, lines 22-31); a resolution changing unit operable to zoom in on the image displayed on the display screen in accordance with the pre-determined magnification amount by changing a resolution of the display apparatus from a first resolution to a second resolution (see col. 7, lines 23-40) in response to the user input selecting the zoom factor (see fig. 9, col. 11, lines 47-64); and a display status restoring unit operable to hold a first display status of the image displayed on the display screen before the resolution of

Art Unit: 2629

the display apparatus is changed to the second resolution by the resolution changing unit, the display status restoring unit further operable to restore the image displayed on the display screen to the first display status when the resolution of the display apparatus is restored to the first resolution (see fig. 9, col. 11, lines 47-68 and col. 12, lines 1-17).

As to claim 2, Vouri et al. discloses further, wherein the computer system further comprises a window resizing unit operable to resize a window displayed on the display screen in accordance with the second resolution in response to user input selecting the zoom factor (see figs. 11a-11c).

As to claim 5-6, and 14, Vouri et al. discloses further, comprising an electrical switch operable, (see fig. 8, see col. 7, lines 55-58) to accept the user input selecting the zoom factor or wherein the electrical switch is provides as a keyboard that is coupled to the computer system (see col. 4, lines 31-34).

As to claim 7, Vouri et al. discloses further wherein the user input selecting the zoom factor is received through the user clicking on a button within a graphical user interface displayed on the display screen on the display apparatus (see click zoom icon 54, fig. 2).

As to claims 10 and 15, Vouri et al. discloses further, wherein the input section is operable to present one zoom factor to the user for user selection, each zoom factor specifying a respective pre-determined magnification amount and being a number dependent upon allowable resolutions of the display apparatus (see col. 11, lines 55-64).

As to claims 11 and 18, claims 11 and 18 are similar to claim 3 as discussed above.

Art Unit: 2629

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Vouri et al. (US 5,420,605) in view of Curtis (US 6,580,434).

Vouri et al. discloses a computer system comprising an input unit and a display zoom factor as discussed above. However Vouri et al. does not disclose the input unit is a voice input apparatus.

Curtis discloses a conventional computer (20) in fig. 1, comprising a program modules stored on the hard disk, magnetic disk (29), ROM (24) or RAM (25). The computer (20) may be connected to keyboard (40) or other input devices such as microphone (voice input, see column 5, lines 30-47).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to implement the voice input device such as microphone as taught by Curtis into the display system of Vouri et al. having Zoom factor because this would convert the sound signal from the outside to the main processing unit, which help the user to easy to hear the information of the system.

5. Claims 22-23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Vouri et al. (US 5,420,065) in view of McKay et al. (US 6,313,822).

Vouri et al. does not disclose the zoom factor is number equal to the first resolution divided by the second resolution (see col. 17, lines 54-63).

Art Unit: 2629

McKay et al. discloses the zoom factor is number equal to the first resolution divided by the second resolution (see col. 17, lines 54-63).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to implement the zoom factor is number equal to the first resolution divided by the second resolution as taught by McKay et al. into the system of Vouri et al. because this would provide to the user the increasing the screen magnification by increasing the image quality of the motion video of the system (see col. 17, lines 64-65).

### *Correspondence*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kimnhung Nguyen whose telephone number is (571) 272-7698. The examiner can normally be reached on MON-FRI, FROM 8:30 AM-5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Hjerpe can be reached on (571) 272-7691. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Art Unit: 2629

KNN  
March 23, 2006

A handwritten signature in black ink, appearing to read "Kimnhung Nguyen", with a long, sweeping horizontal stroke extending to the right.

Kimnhung Nguyen  
Patent Examiner  
Art Unit 2629